

## PCNA monoclonal antibody

Catalog: MB23497      Host: Mouse      Reactivity: Human, Mouse, Rat, Rabbit, Monkey

### Background:

The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

28.7kDa

### Swiss-Prot:

P12004

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/100 - 1/500 FC:1/200 - 1/400

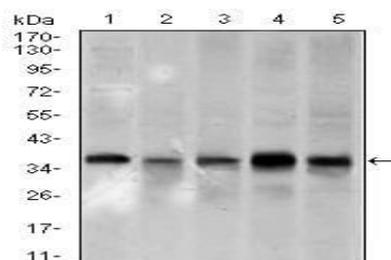
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

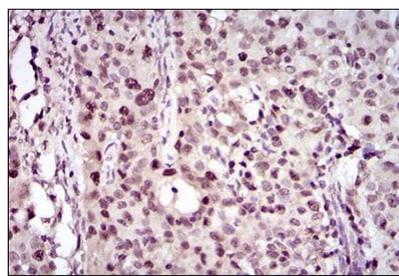
### Isotype:

Mouse IgG1

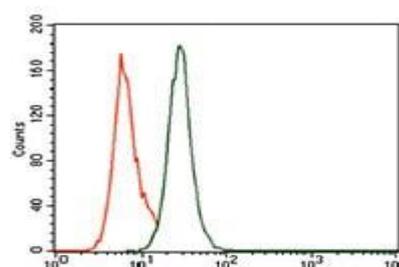
### DATA:



Western blot analysis using PCNA mouse mAb against A431 (1), HeLa (2), HepG2 (3), Raji (4), and MOLT4 (5) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using PCNA mouse mAb with DAB staining.



Flow cytometric analysis of MOLT4 cells using PCNA mouse mAb (green) and negative control (purple).

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151